American Community Survey

"It Don't Come Easy", Ringo Starr



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Why so difficult?

- Geographies with 65,000 persons get single year data each year
- Smaller geographies have data "pooled" over 3 years or 5 years
- Period Estimates not point in time, not easy for people to understand or explain
- Different residence rules not usual place of residence as with decennial; ACS is current residence (living in place for 2 mos)

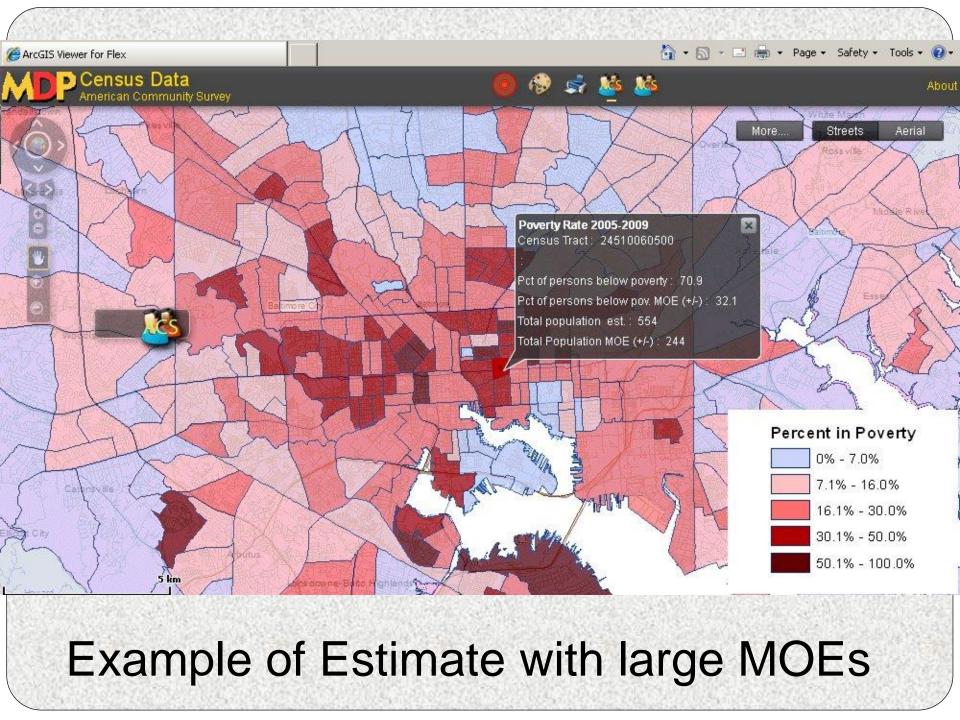
Why so difficult cont'd

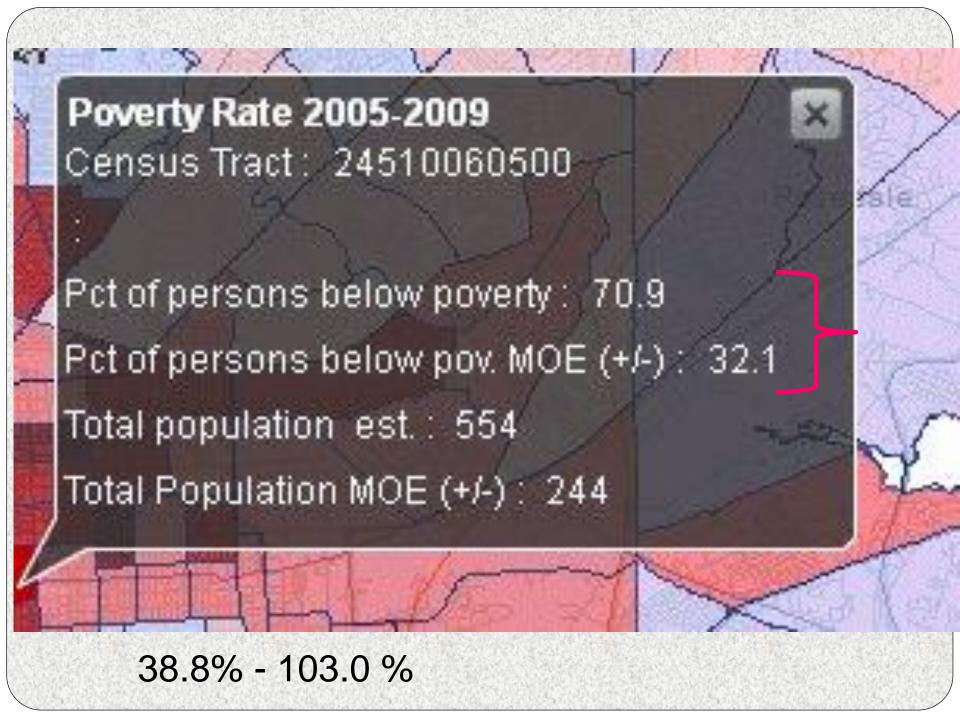
Most Recent Releases

- September '10 2009 Single year data for areas over 65,000
- December '10 5 yr.(2005-2009) data for all areas down to census tract; block group data only available in Census summary files
 - not easy to access
- January '11- 3 yr. (2007-2009) data all areas over 20,000

Why so difficult? cont'd

- Smaller sample size prior census decennial long form – 1 in 6 households now approx. 1 in 40 – affects reliability
- Don't mix and match single year with multiyear (or 3 yr. with 5 yr.)
- Did I mention Margins of Error, Standard Errors, confidence intervals and coefficients of variation?





ACS Multiyear Estimates

- 3 yr. estimates for areas greater than 20,000 pop.
 - data aggregated for years 2007, 2008 & 2009;
- 5 yr. estimates available all areas
 - aggregated for years 2005, 2006, 2007, 2008 & 2009

ACS Multiyear cont'd

- Multiyear estimates more precise than single year because sample size is larger (aggregated over longer period of time)
- Which is more important for your application most current data use single year
 validity of data use multiyear
- If geography is large (such as a metro county) single year data may be acceptable and provide information on the most recent changes (look at the margin of error)

More Multiyear

- Estimates are based on boundaries of the last year (i.e. 2007-2009 city data would use the boundary as of Jan. '09)
- All years in multiyear estimates are given the same weight;
 all months (36 for the 3 yr est.) are aggregated
- Dollar values such as income and housing value are adjusted with inflation factors to reflect the end year of the time period (ACS 2007-2009, IN 2009 INFLATION-ADJUSTED DOLLARS)
- Each year a new product is released; the earliest year is dropped and the most recent year is added (3 yr. data 2007-2009 will be 2008-2010 this year; 5 yr. data 2005-2009 will be 2006-2010)

ACS Methodology Review

About 250,000 surveys mailed each month nationally

Equal to about 3 million annually - corresponds to a 1 in 40 sample (approx. 2.5%); decennial long form was 1 in 6 addresses (16.6%)

ACS is not meant to be used for "counts" of population or race, use the annual population estimates

ACS provides "characteristics" about the population

Finding ACS Data in American Factfinder





The NEW American FactFinder is now available!

The transition from the legacy American FactFinder to the NEW American FactFinder will continue through the fall of 2011. Data on the legacy FactFinder will be moved to the NEW FactFinder in the coming months. Frequently Asked Questions »

The legacy American FactFinder will be discontinued in the fall of 2011.



for data from

Census 2010 (beginning in February 2011)

and Census 2000

go to

factfinder2.census.gov



for data from the

American Community Survey
the Economic Census,
and Population Estimates
go to

factfinder.census.gov





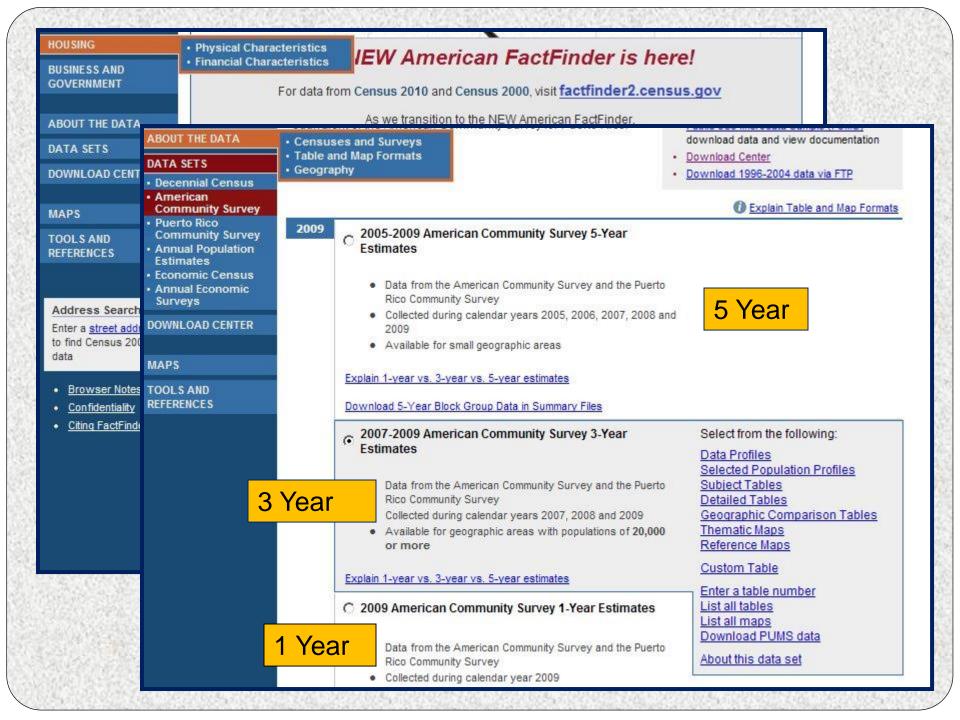












Population profile ACS 2007-2009 for Country of Birth



Change...

qeography (state, county, place...) population group

- · Subject Definitions
- · Quality Measures

Montgomery County, Maryland

S0201. Selected Population Profile in the United States @

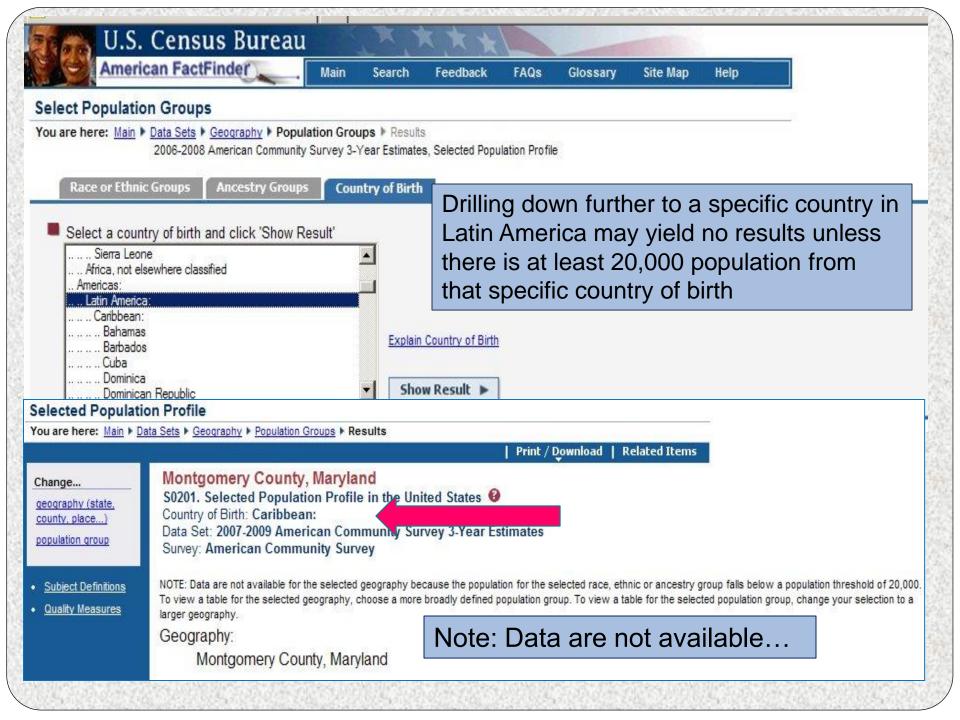
Country of Birth: Latin America:

Data Set: 2007-2009 American Community Survey 3-Year Estimates

Survey: American Community Survey

NOTE. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

Subject	Total population	Margin of Error	Latin America:	Margin of Error
TOTAL NUMBER OF RACES REPORTED		*	0	1 × ×
Total population	955,592	****	104,168	+/-2,878
One race	97.2%	+/-0.2	97.1%	+/-0.8
Two races	2.5%	+/-0.2	2.8%	+/-0.8
Three races	0.2%	+/-0.1	0.1%	+/-0.1
Four or more races	0.0%	+/-0.1	0.0%	+/-0.1
SEX AND AGE				
Total population	955,592	****	104,168	+/-2,878
Male	48.4%	+/-0.1	49.8%	+/-0.9
Female	51.6%	+/-0.1	50.2%	+/-0.9
Under 5 years	7.2%	+/-0.1	0.5%	+/-0.3
5 to 17 years	17.4%	+/-0.1	6.5%	+/-0.8
18 to 24 years	8.5%	+/-0.1	10.0%	+/-0.8
25 to 34 years	12.4%	+/-0.1	22.6%	+/-0.8
35 to 44 years	14.8%	+/-0.1	23.4%	+/-0.7
45 to 54 years	15.9%	+/-0.1	18.0%	+/-0.7



What Factors May Affect Reliability

- More detailed characteristics
- Smaller geographies
- Sample size of interviews

Survey: American Community Survey Geographic Area: Frederick County, Maryland			
Selected Economic Characteristics	Estimate	Margin of Error (+/-)	
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL			
All families	4.6%	1.2	
With related children under 18 years	6.9%	2.2	
With related children under 5 years only	11.3%	7.3	
Married couple families	2.6%	1	
With related children under 18 years	3.1%	1.8	
With related children under 5 years only	5.6%	5.5	
Families with female householder, no husband present	16.7%	7.4	
With related children under 18 years	23.1%	18	
With related children under 5 years only	55.4%	32.7	
All people	5.5%	1.1	3_
Under 18 years	6.4%	24	

Data Set: 2009 American Community Survey 1-Year Estimates

Look at the variations in the margins of error between "all families" vs. those w/ female householder w/ related children under 5 yrs

This is from the "data profiles" selection in FactFinder

Selected Economic Characteristics: 2009

Data Set: 2009 American Community Survey 1-Year Estimates

Geographic Area: Allegany County, Maryland

Selected Economic Characteristics	Estimate	Margin of Error (+/-)
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL		
All families	12.7%	4.8
With related children under 18 years	28.5%	10.2
With related children under 5 years only	37.6%	18.9
Married couple families	4.6%	2.9
With related children under 18 years	8.5%	7.7
With related children under 5 years only	11.8%	18.7
Families with female householder, no husband present	43.6%	16.6
With related children under 18 years	63.2%	19
With related children under 5 years only	74.3%	31.

Selected Economic Characteristics: 2009

Data Set: 2009 American Community Survey 1-Year Estimates

Geographic Area: Prince George's County, Maryland

Selected Economic Characteristics	Estimate	Margin of Error (+/-)
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL		
All families	4.6%	0.9
With related children under 18 years	6.7%	1.5
With related children under 5 years only	7.8%	3.4
Married couple families	1.8%	0.6
With related children under 18 years	2.2%	1.1
With related children under 5 years only	3.4%	2.9
Families with female householder, no husband present	9.7%	2.1
With related children under 18 years	13.5%	3.1
With related children under 5 years only	15.7%	10

MOE 31% Allegany vs 10% for Prince George's

B00002. UNWEIGHTED SAMPLE HOUSING UNITS - Universe: HOUSING UNITS

Data Set: 2009 American Community Survey 1-Year Estimates

Survey: American Community Survey

	Prince George's County, Maryland
	Estimate
Total	4,147

B00002. UNWEIGHTED SAMPLE HOUSING UNITS - Universe: HOUSING UNITS

Data Set: 2007-2009 American Community Survey 3-Year Estimates

Survey: American Community Survey

	Prince George's County, Maryland
	Estimate
Total	12,502

Larger Sample for 3 YR. vs 1 Yr.

Suppression of Data

Data may not be available for some detailed tables or for some geographies to avoid confidentiality concerns



In some cases one or more items in a table may be suppressed because there are not enough people in the sample to assure that confidentiality is maintained. In that case the entire table will contain no data.

You may want to look for a "collapsed" table with fewer data items.

Detailed Tables

You are here: Main > Data Sets > Data Sets with Detailed Tables > Geography > Tables > Results

Use the links above to change your results

Options

Print

B02003. RACE - Universe: TOTAL POPULATION

Data Set: 2007-2009 American Community Survey 3-Year Estimates

Survey: American Community Survey

NOTE: Data for the following geographic area(s) cannot be displayed for one or more of the following reasons:

The number of sample cases is too small.

This table is only available for the United States.

Geography:

Allegany County, Maryland Prince George's County, Maryland Data are not available for any county – only available for the U.S. may want to look at a collapsed version of the table

C02003. RACE - Universe: TOTAL POPULATION

Data Set: 2009 American Community Survey 1-Year Estimates

Survey: American Community Survey

	Montgomery County, Maryland	
	Estimate	Margin of Error
Total:	971,60	0 *****
Population of one race:	942,77	6 +/-4,309
White	564,08	3 +/-6,264
Black or African American	161,47	6 +/-3,199
American Indian and Alaska Native	4,75	9 +/-2,164
Asian alone	131,06	1 +/-1,775
Native Hawaiian and Other Pacific Islander	16	4 +/-201
Some other race	81,23	3 +/-7,387
Population of two or more races:	28,82	4 +/-4,309
Two races including Some other race	5,40	9 +/-1,824
Two races excluding Some other race, and three or more races	23,41	5 +/-4,153
Population of two races:	25,86	5 +/-3,547
White; Black or African American	6,39	0 +/-2,053
White; American Indian and Alaska Native	3,41	3 +/-1,742
White; Asian	8,73	1 +/-1,707
Black or African American; American Indian and Alaska Native	47	2 +/-322
All other two race combinations	6,85	9 +/-1,898
Population of three races	2,82	0 +/-2,262
Population of four or more races	13	9 +/-231

Finding ACS data

www.census.gov

American FactFinder

www.census.gov/acs/www/

ACS page on Census site